## UTILITY PATENT AFFLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 87552.99R272/SE-1528PD

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS **Box Patent Application** 

Washington, D.C. 20231

				or fi	ling under 35	U.S	.C. 111(a) ar	nd 37 C.F.R. 1.53	(b) is a new utility patent a	oplication for the	7 █
	POWER SEMICONDUCTOR DEVICE WITH HIGH AVALANCHE CAPABILITY										
and i	nvent	ed by	:								
Jifa	a Hao	, Joh	n L. Be	njar	nin, Randall	L. Ca	ase, Jae J. Yu	ın			
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									the requisite information:		
<b>1</b>	Cont		tion		Divisional	Ц	Continuati	ion-in-part (CIP)	of prior application No.:		
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<b>Q</b> 2	. X	Spe	ecificati	ion I	having		11	pages and i	ncluding the following:		
-	a.	$\boxtimes$	Descriptive Title of the Invention								
	b.		Cross References to Related Applications (if applicable)								
7	C.		Statement Regarding Federally-sponsored Research/Development (if applicable)								
	d.		Reference to Microfiche Appendix (if applicable)								
		×	Background of the Invention								
196 4.	f.		Brief Summary of the Invention								
		_	Brief Description of the Drawings (if drawings filed)								
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		. 🗵	Detailed Description								
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## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 87552.99R272/SE-1528PD

Total Pages in this Submission

				Application El	ements (	Continued	)			
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	a.		Formal	Number of Sheets						
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4.	X	Oath	n or Declaration							
	a.	$\boxtimes$	Newly executed (d	original or copy)	☐ Une	executed				
	b.		Copy from a prior	application (37 CFR <sup>2</sup>	1.63(d)) <i>(i</i>	or continuation	on/divisiona	l application o	nly)	
	C.	X	With Power of Atto	orney 🗆 Withou	it Power	of Attorney				
<u>ā</u> .	d.			VENTOR(S) attached deleting inve 3(d)(2) and 1.33(b).	entor(s) n	amed in the	prior appl	ication,		
5. 5. 6.		The Box	Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
를 6. 네		Computer Program in Microfiche (Appendix)								
7.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)								
5 7. 5 5	a.		Paper Copy							
	b.		Computer Readab	le Copy <i>(identical to e</i>	computer	copy)				
	C.		Statement Verifyin	g Identical Paper and	d Comput	er Readable	е Сору			
				Accompanyin	g Applic	ation Parts				
8.	$\boxtimes$	Assi	ignment Papers (co	over sheet & documer	nt(s))					
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10.										
11.	<b>X</b>	☑ Information Disclosure Statement/PTO-1449 ☑ Copies of IDS Citations								
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## UTILITY PATENT AFFLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 87552.99R272/SE-1528PD

Total Pages in this Submission

Accompanying Application Parts (Continued)											
15.  ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)											
16.	16. Additional Enclosures (please identify below):										
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	☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).										
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POWER SEMICONDUCTOR DEVICE WITH HIGH AVALANCHE CAPABILITY  I hereby certify that the following correspondence:  Combined Declaration/Power of Attorney (Executed) (3 pgs)  (Identify type of correspondence)  is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20:  September 1, 2000  (Date)  Penny R. Turrell  (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)  EL407177618US  ("Express Mail" Mailing Label Number)	up Art Ur
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CERTIFICATE OF N Applicant(s): Jifa Hao, e	Docket No. 87552.99R272/SE-1528PD		
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